

CALIFORNIA HIGH-SPEED RAIL

A TRANSFORMATIVE INVESTMENT IN CALIFORNIA'S FUTURE

INDUSTRY FORUM

APRIL 8, 2014

VISALIA, CA



CALIFORNIA HIGH-SPEED RAIL

DIANA GOMEZ

CENTRAL CALIFORNIA REGIONAL DIRECTOR



HIGH-SPEED RAIL: MORE THAN A TRANSPORTATION PROGRAM

- California is 8th Largest Economy in the World
- Comparable to Northeast Corridor in Terms of Distance, Population and Complexity
- It is a Transformative Investment
- Connecting all California Population Centers



CONTROVERSY IS NOTHING NEW

- Transformative Projects Have **Never Been Easy**
- Golden Gate Bridge:
 - “Upside-Down **Rat Trap** that will Mar the Beauty of the Bay”
 - 2,000+ Lawsuits
- BART – Once Called the **Train to Nowhere**
- Calif. State Water System, University of Calif. System
 - Single-Vote Margins
- **Where Would We be Without Them?**

WHY HIGH-SPEED RAIL IN CALIFORNIA?

- **Curbs Congestion**

- LAX to SFO is the Busiest Short-Haul Market in US
- 1 in 6 Flights out of LA Heads to Bay Area
- Six of Top 30 Congested Urban Areas in US Located in California

- **Population Growth Estimated to Reach 50 Million by 2050**

- **Air Quality/Sustainability**

- Meets Goals of AB 32/SB 375

- **Alternatives are Costly**

- 2-3 Times More Expensive



RESULTS FOR CALIFORNIA

- **Reduction in Vehicle Miles Traveled (VMT)**
 - By 2040, the system will reduce vehicle miles by almost 10 million miles every day
 - By 2030, the reduction in VMT would be like removing one 500-mile lane of cars
- **Daily Number of Flights Diverted**
 - Starting in 2030, the state will see a daily reduction of 93 to 171 flights
 - By 2040, the state will see a daily reduction of 97 to 180 flights
- **Statewide Air Quality Improvement**
 - Tons of volatile organic compounds reduced
 - Tons of particulate matter reduced
 - Tons of ozone precursors

ENVIRONMENTAL BENEFITS: HIGH-SPEED RAIL'S BEST KEPT SECRETS

- Preserving Agricultural Land
- Improving Air Quality
- Preserving and Enhancing Critical Habitat
- Reducing Greenhouse Gases
- Enabling Smart Land Use
- Urban Greening: Planting Trees
- Modernizing Transit Statewide
- Using Renewable Energy

A STATEWIDE RAIL MODERNIZATION PLAN

Connecting California

- Caltrain Electrification & Early Investments in the Peninsula Corridor
- Central Valley “Backbone” of High-Speed Rail
- Regional Enhancements in Southern California
- Statewide Connectivity Projects & Investments



NATION'S FIRST HIGH-SPEED RAIL

- Initial Operating Section
- 300 Miles
- Central Valley to San Fernando Valley
- Operational by 2022



WHY START IN THE CENTRAL VALLEY?

- Central Valley will Serve as the “**Backbone**” of a System that will Tie Major Regions of California Together
- Fastest **Growing** Region in the State
- Revitalize Central Valley **Downtown Centers**
- Creates **Jobs** in a Region with High Unemployment
- Best, Most **Cost-Efficient** Location for Testing

WORK'S UNDERWAY

- **Construction Package 1**
 - 29 miles between Madera and Fresno
 - Design-Build Contract with Joint Venture Tutor-Perini/Zachry/Parsons
 - Property Acquisition, Design Work, Utility Relocation
 - Over 225 employees, and 30 small or disadvantaged businesses currently working on the project



CENTRAL VALLEY NEXT STEPS

Continue Work on CP 1

**Fresno to Bakersfield Project Section: 114 Mile Route
Environmental Clearances Expected in Spring 2014**

Close the Passenger Rail Gap Between the North & South

CALIFORNIA HIGH-SPEED RAIL

SCOTT JARVIS

ASSISTANT CHIEF PROGRAM MANAGER

DESIGN-BUILD CONTRACT

REQUEST FOR PROPOSALS



CONSTRUCTION PACKAGE 2-3

- Route is in Excess of 60 Miles
- East American Avenue in Fresno South to One Mile North of the Kern/Tulare County Line
- Estimate Cost is approximately \$1.5 – 2 billion
- Five Qualified Firms Eligible to bid on RFP



QUALIFIED CONSTRUCTION TEAMS

- **California Rail Builders:** Ferrovial Agroman US Corp. and Granite Construction Company
- **Dragados/Flatiron/Shimmick:** Dragados USA, Inc., Flatiron West, Inc. and Shimmick Construction Co., Inc.
- **Golden State Rail Partnership:** OHL USA, Inc. and Samsung E&C America, Inc.
- **Skanska-Ames a Joint Venture:** Skanska USA Civil West California District Inc. and Ames Construction, Inc.
- **Tutor Perini/Zachry/Parsons, a Joint Venture:** Tutor Perini Corporation, Zachry Construction Corporation and Parsons Transportation Group Inc.

RFP TIMELINE

- April 2: RFP Issued
- April 8: Industry Forum
- April 16: Proposal Agreement Submittal Due
- April 16: Meetings with Potential Proposers on Possible ATCs
- April 30: Follow-up with potential proposers on ATCs
- April 30: Deadline for Proposer Questions (RFI)
- Week of May 5: One-on-one Meetings with Potential Proposers

RFP TIMELINE (CONT.)

- **May 12: ATC Submittal Deadlines**
- **May 16: Mandatory Department of Labor EEO and AA seminar**
- **May 16: Mandatory Small Business Program Seminar**
- **May 19: Mandatory Small Business Outreach Meeting**
- **June 13: Response to ATC Submittals**
- **August 1: Deadline to Submit Changes to Proposer Teams for Approval**

RFP TIMELINE (CONT.)

- TBD: Additional one-on-one Meetings
- September 2: Proposal Deadline
- November - Anticipated Contract Award

DESCRIPTION AND SCOPE OF WORK*

- The services, labor, materials, and work to be provided and performed by the Contractor include, but are not limited to the following general categories of scope:
 - Scheduling;
 - Utility Investigation, Coordination, Protection and Relocation;
 - Demolition and Clearing of ROW;
 - Code Assessment;
 - Completing, Coordinating, Securing Approval and Executing Final Permitting and Utility Agreements;
 - Survey and Mapping;
 - Subsurface Investigations;

DESCRIPTION AND SCOPE OF WORK (CONT.)*

- Geotechnical Engineering and Seismology;
- Land subsidence studies including data collection, assessment and implementation of post construction instrumentation and monitoring;
- Final design;
- Estimating;
- Value Engineering;
- Environmental Requirements, as applicable within the limits of CP 2-3;
- Construction;
- Quality Control and Quality Assurance for Design and Construction;

DESCRIPTION AND SCOPE OF WORK (CONT.)*

- Community Relations;
- Quality Inspection and Testing;
- Construction Safety and Security Program;
- Preparation of CADD As-Builts, inclusive of the Consolidated Service Drawings;
- Interface Coordination for In-Scope Work as well as future Works by Others;
- Coordination with Jurisdictional Authorities (governments, public and private entities such as utility companies, CPUC, FRA, Caltrans, etc.)
- Coordination with adjacent railroads (BNSF, SJVRR)

DESCRIPTION AND SCOPE OF WORK

- The Scope of Work does not include:
 - Construction of trackwork (i.e. ballasted and/or non-ballasted section);
 - Passenger station;
 - New building construction;
 - ROW engineering, negotiations, and acquisition;
 - Soundwalls; and
 - Systems work (i.e., Overhead Catenary System poles, foundations, and wires, Traction Power Facilities, Automatic Train Control, etc.).

EVALUATION PROCESS

- Proposals submitted by the teams will be thoroughly evaluated and scored to determine the team offering the best overall value:
 - 30% Technical
 - 70% Price

PROJECT AND CONSTRUCTION MANAGEMENT (PCM)

- There will be a PCM Contract to Manage, Oversee and Administer the Design Build Contract for CP 2-3
- The Release of the RFQ for the PCM is Expected by the End of the Year
- The PCM will be Selected in a Qualifications Based Selection Process

HOW TO BID

- The RFP Shall Follow the Process in California Code of Regulations
- Contractors are Required to Comply with the Authority's Commitment to the Requisite Participation by Small, Disadvantaged, and Disabled Veteran Business Enterprises
- The RFP and any subsequent addenda will be made available to Proposers via the Project Website:
http://www.hsr.ca.gov/Programs/Construction/Design_Build_Construction_Pkg_2_3/index.html

QUALIFIED CONSTRUCTION TEAMS

California Rail Builders:

Ferrovial Agroman US Corp. and Granite
Construction Company

QUALIFIED CONSTRUCTION TEAMS

Dragados/Flatiron/Shimmick:

**Dragados USA, Inc., Flatiron West, Inc. and
Shimmick Construction Co., Inc.**

QUALIFIED CONSTRUCTION TEAMS

Golden State Rail Partnership:

OHL USA, Inc. and Samsung E&C America, Inc.

QUALIFIED CONSTRUCTION TEAMS

Skanska-Ames a Joint Venture:

**Skanska USA Civil West California District Inc. and
Ames Construction, Inc.**

QUALIFIED CONSTRUCTION TEAMS

Tutor Perini/Zachry/Parsons, a Joint Venture:
Tutor Perini Corporation, Zachry Construction
Corporation
and Parsons Transportation Group Inc.

CALIFORNIA HIGH-SPEED RAIL

JOSE CAMARENA

DIRECTOR OF CONTRACTS & COMPLIANCE



CONNECTING CALIFORNIA: JOBS

- Targeting: **California**
- Construction: **Direct, Indirect Jobs in Hard-Hit Sectors**
- Permanent: **Rail Modernization Creates Efficiencies Statewide**



CONNECTING CALIFORNIA: SMALL BUSINESSES

Aggressive **30% Goal** for Small Business Participation

Which includes:

- 10% for Disadvantaged Business Enterprises (DBE)
- 3% for Disabled Veteran Business Enterprises (DVBE)

Meeting & Exceeding Goals

Free Statewide Small Business Certification Workshops

Partnerships with Federal, State and Local Organizations

Robert Padilla,
Small Business
Advocate



FEDERAL, STATE, LOCAL GOVERNMENT AND BUSINESS ORGANIZATION PARTNERSHIPS

Memorandums of Understanding Signed with:

- **California Department of Veterans Affairs**
- **Economic Development Corporation Serving Fresno County**
- **United States Small Business Administration**
- **California Department of General Services**
- **Minority Business Development Agency, U.S. Department of Commerce**
- **Women Construction Owners & Executives, U.S.A.**
- **Valley Small Business Development Corporation**

SMALL BUSINESS SUPPORT SERVICES

Resources to build Business Capacity:

- **Statewide Small Business Development Centers: 34 Centers Statewide**
- **Fresno Workforce Investment Board: Focused to Fresno area Small Businesses**
- **Minority Business Development Centers: Fresno, San Jose, San Francisco and Los Angeles**
- **Procurement Technical Assistance Centers: Monterey, Los Angeles, Riverside, San Diego**

COMMITMENT TO DIVERSE SMALL BUSINESSES

- **Businesses That Count Toward the Overall Goal are Certified:**
 - **Small/Micro Businesses Enterprises**
 - **Disabled Veteran Business Enterprises**
 - **Disadvantaged Business Enterprises**
 - **8(a) – Certified Firms**

SMALL BUSINESS CERTIFICATIONS

The Authority Recognizes the SB Certifications from:

- California Department of General Services (SBE, DVBE, MBE)
- California Unified Certification Program (DBE)
- Small Business Administration - 8(a) Program

COMMUNITY BENEFITS AGREEMENT

- Promotes Hiring of California Community Businesses and Residents During Construction
- Supports Employment of Individuals who Reside in Disadvantaged Areas and Those Designated as Disadvantaged Workers, including Veterans
- Supports 30 % Small Business Participation Goal



NETWORKING TIME

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

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